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VERIFICATION OF A TRANSLATION

I, Charles Edward SITCH BA,

Deputy Managing Director of RWS Group Ltd UK Translation Division, of Europa House,
Marsham Way, Gerrards Cross, Buckinghamshire, England declare:

That the translator responsible for the attached translation is knowledgeable in the French language in which the below identified international application was filed, and that, to the best of RWS Group Ltd knowledge and belief, the English translation of the international application No. PCT/FR2003/002075 is a true and complete translation of the above identified international application as filed.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application issued thereon.

Date: January 12, 2005

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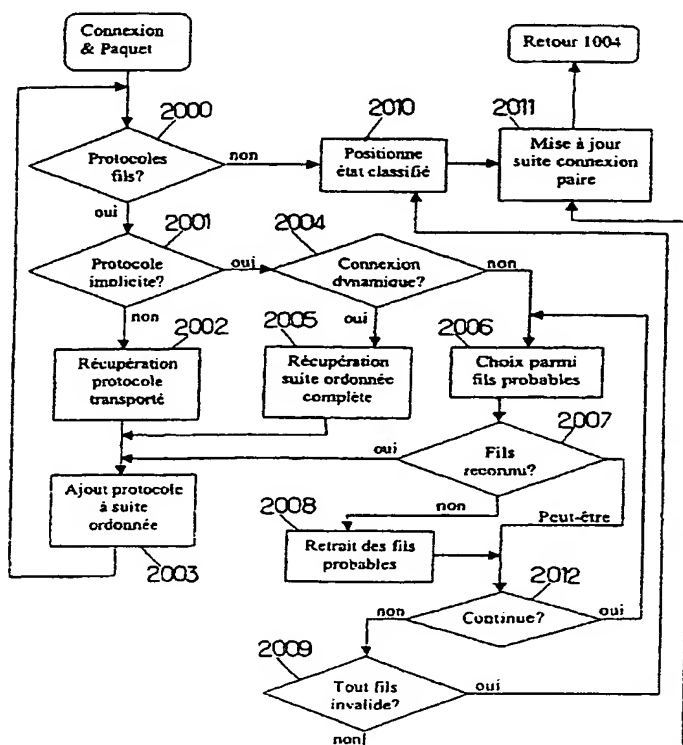
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As printed

(54) Title: METHOD FOR PROTOCOL RECOGNITION AND ANALYSIS IN DATA NETWORKS

(54) Titre : PROCEDE DE RECONNAISSANCE ET D'ANALYSE DE PROTOCOLS DANS DES RESEAUX DE DONNEES



(57) Abstract: The inventive method uses an information network provided with a mechanism for protocol self identification for recognising determinative data thereof by the naming given thereto among data which is transmitted through a detected connection, and an empty or nonempty list of protocol usable namings called son protocols associated with each usable protocol naming called a father protocol. The kernel of an information system associates to each detected connection a data structure which is arranged in such a way that it comprises an ordered sequence of the used protocol namings. The kernel builds (2000) the data structure by retrieving (2001, 2006) the son protocol namings in the list which is associated to the last naming of said ordered sequence, the son protocol naming for which the associated self identification mechanism recognises (2002, 2007) the determinant data among transmitted data by adding (2003) the retrieved son protocol naming to the end of the ordered sequence and by restarting (2000) to retrieve as far as possible the son protocol naming for which the associated self identification mechanism recognises the determinant data among transmitted data.

(57) Abrégé : Le procédé utilise un système informatique dans lequel un mécanisme auto-identificateur de protocole agencé pour reconnaître des informations déterminantes de protocole nommé par un nom, parmi des informations véhiculées dans une connexion détectée, est associé au nom de protocole et une liste vide ou non vide de noms de protocoles utilisables dits protocoles fils, est associée à chaque nom

[continued on next page]

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For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular edition of the PCT Gazette.

de protocole utilisable, dit protocole père. Un noyau du système informatique associé à chaque connexion détectée, une structure de données agencée pour contenir une suite ordonnée de noms de protocoles utilisés. Le noyau construit (2000) la structure de données en cherchant (2001, 2006) dans la liste de noms de protocole fils, associée au dernier nom de ladite suite ordonnée, un nom de protocole fils pour lequel le mécanisme auto-identificateur associé reconnaît (2002, 2007) des informations déterminantes parmi les informations véhiculées puis en ajoutant (2003) à la fin de la suite ordonnée, le nom de protocole fils trouvé et en recommençant (2000) à chercher tant qu'il est possible de trouver un nom de protocole fils pour lequel le mécanisme auto-identificateur associé reconnaît des informations déterminantes parmi les informations véhiculées.